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ECHENEIDIDS. *Echeneis* L. *Remora* Gill.

COTTOIDS. *Potamocottus* Gill, (*Cottopsis gulosus* Grd.) *Oncocottus* Gill.  
*Gymnacanthus* Sw. *Temnistia* Rich. *Blepsias* Cuv.

AGONOIDÆ. *Podothecus* Gill,\* (= *Paragonus* Gill.)

CHIROIDS. *Oxylebius* Gill.

TRICHODONTOIDS. *Trichodon* Steller.

GOBIOIDS. *Lepidogobius* Gill.

BLENNIOIDS. *Anoplarchus* Gill, *Günther*.

PSYCHROLUTOIDS. *Psychrolutes* Gthr.

AULORHYNCHOIDS. *Aulorhynchus* Gill.

ALEPIDOSAUROIDS. *Caulopus* Gill.

SALMONOIDS. *Hypomesus* Gill, (lapsu calami etiam *Mesopus*.) *Osmerus* Art.  
 (vice *Thaleichthys* Grd.)

CYPRINODONTOIDS. *Cyprinodon* Lac. (Grd.)

CLUPEOIDS. *Alausa* Val.

MURÆNOIDS. *Muræna* L. (*Ayres*.)

OPHIDIUROIDS. *Myrichthys* Girard.

SYNGNATHOIDS. *Dermatostethus* Gill.

GALEORHINOIDS. Nov. gen. *Isoplagiodon* Gill, a sp.

RHINOIDS. *Rhina* Klein, (*Ayres*.)

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Aug. 5th.

Vice-President BRIDGES in the Chair.

Ten members present.

The following papers were presented for publication :

A Report upon Mr. Buckley's Description of Plants, No. III., Gramineæ. By Asa Gray.

Notes on certain Reptiles of the New World. By E. D. Cope.

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Aug. 26th.

Vice-President Bridges in the Chair.

Thirteen members present.

On report of the respective Committees, the following papers were ordered to be published in the Proceedings :

A Report upon Mr. S. B. Buckley's "Description of PLANTS, No. 3, Gramineæ."  
 Published in the Proceedings of the Academy of Natural Sciences of Philadelphia, February, 1862.

BY ASA GRAY.

As it appears to have been impracticable to act upon the suggestion with which I concluded my remarks upon Mr. Buckley's preceding botanical papers, (vide p. 168,) all that remains is, to repair the damages sustained by this

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\* Deceived by the comparisons of authors, the identity of *Podothecus peristethus* with *Agonus acipenseroides* was not recognized until an opportunity was afforded of examining Tilesius' description and figure.

[August,